IN THE SPECIFICATION

In the Detailed Description:

Please amend paragraph 5 of page 5 as follows:

The present invention relates to the design and manufacture of a real-world object based upon a virtual CAD/CAM model. An inventive aspect of this method is that the model is horizontally-structured as disclosed in copending, commonly assigned United States Patent No. ~~_____~~, 6,735,489, United States Serial No. 09/483,301, Filed January 14, 2000, Attorney Docket No. H-204044, entitled "HORIZONTALLY-STRUCTURED MANUFACTURING PROCESS MODELING", the disclosures of which are incorporated by reference herein in their entirety. An additional inventive aspect of this method is that of the horizontally structured process modeling as disclosed in copending, commonly assigned United States Patent No. _____, United States Serial No. 09/483,722, Filed January 14, 2000, Attorney Docket No. DP-301245, entitled "HORIZONTALLY-STRUCTURED CAD/CAM MODELING", the disclosures of which are incorporated by reference herein in their entirety.

Please amend paragraph 3 of page 19 as follows:

The master process model 20, logically, is a child of the ~~reference set 26 and~~ virtual blank 10, and thereby a grandchild of the reference set 26, thus ensuring that if a design change is implemented in the product model utilized for the reference set 26, such a change flows through to the master process model 20 and manufacturing process. Unique to this embodiment, is the lack of a mandatory associative relationship among the master process model 20 and the datum planes 2, 3, and 4 which comprise the reference 3-D coordinate system 6 with respect to which, the form features and manufacturing features are positioned and oriented. Moreover, also unique to this embodiment, is the absence of a mandatory associative relationship among the datum planes 2, 3, and 4 themselves. This independence, as with the modeling described above provides significant flexibility in the manufacturing process by allowing a user to interchangeably apply various features to a master process model. Likewise,

interchangeable master process models may be generated without impacting the particular features or datum planes utilized.